



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/936,178	09/10/2001	Christopher J Fenton	36-1486	9548

23117 7590 06/06/2005

NIXON & VANDERHYE, PC  
901 NORTH GLEBE ROAD, 11TH FLOOR  
ARLINGTON, VA 22203

EXAMINER
----------

HOOSAIN, ALLAN

ART UNIT	PAPER NUMBER
----------	--------------

2645

DATE MAILED: 06/06/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

09/936,178

Applicant(s)

FENTON ET AL.

Examiner

Allan Hoosain

Art Unit

2645

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 26 November 2004.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-20 and 22-31 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 9 and 19 is/are allowed.
- 6) ☐ Claim(s) 1-8, 10-18, 20 and 22-31 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 26 November 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

## FINAL DETAILED ACTION

### *Allowable Subject Matter*

1. Claims 9,19 are allowed.

### *Claim Rejections - 35 USC § 102*

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 1-8,10-18,20 are rejected under 35 U.S.C. 102(e) as being anticipated by **Houde et al.** (US 5,978,678).

As to Claims 1,11, with respect to Figures 1-3, **Houde** teaches a method of providing a user of a home network, 12, with use of a visited fixed network, 32, the method comprising

registering the user with the visited fixed-network, 32, having fixed user terminals including supplying a visitor node which is located in the visited fixed network with the IMSI (identity of a user-selected fixed termination) and

with a first identification number, MIN, the first identification number identifying the user and a home node which is located in the home network, 12, and

Art Unit: 2645

registering the visitor node as a proxy with the home node so as to allow routing by the home node of a call intended for the user to the user-selected fixed termination (Col. 4, lines 32-67).

As to Claims 2,12, with respect to Figures 1-3, **Houde** teaches a method of configuring a home network, 12, to provide a user, 16, of the home network, who is assigned a TMSI (user number), use of a visited fixed network, 32, having fixed user terminals the method comprising

receiving the identity of a visitor node located in the visited fixed network having fixed user terminals (Col. 4, lines 39-52),

storing and associating the identity of the visitor node with the user number and receiving billing data from the visitor node for charging the user (Col. 4, lines 52-60 and Col. 1, lines 33-44).

As to Claims 3,13, with respect to Figures 1-3, **Houde** teaches a method of configuring a visitor node, 34, to provide a user, 16, of a home network, 12, with use of a visited fixed network, 32, having fixed user terminals in which the visited node is located, the method comprising

receiving MIN (an identification number) for identifying the user and identifying a home node

which is located in the home network,

requesting and receiving confirmation of registration with the home node and sending to the home node billing data arising from the user's use of the visited fixed network having fixed user terminals (Col. 4, lines 52-60 and Col. 1, lines 33-44).

Art Unit: 2645

As to Claims 4,14, **Houde** teaches a method according to claim 1 wherein the visitor node comprises a visitor switching device and a visitor location database (Figure 1, labels 34,42).

As to Claims 5,16, **Houde** teaches a method according to claim 1 wherein the user-selected fixed termination is assigned a temporary routing number (Col. 5, lines 28-31).

As to Claims 6,17, **Houde** teaches a method according to claim 1 further comprising providing a further user of the home network with use of the visited fixed network, wherein a call intended for the further user is routed to the user-selected fixed termination (Col. 5, lines 1-10).

As to Claims 7,15, **Houde** teaches a method according to claim 1 wherein the visited fixed network is a public switched telephone network and supplying the visitor node with the identity of the user-selected fixed termination comprises providing the telephone number of a terminal attached to the public switched telephone network (Col. 6, lines 5-12 and Col. 4, lines 25-27).

As to Claims 8,18, **Houde** teaches a method according to claim 1 further comprising supplying the user with a temporary directory number (second identification number) for enabling the user to use the visited fixed network and for enabling the visitor node to record the use of the visited fixed network by the user (Col. 6, lines 24-29).

Art Unit: 2645

As to Claims 10,20, **Houde** teaches a method according to either claim 8 wherein the recorded use of the visited fixed network is supplied to the home node for the purposes of billing (Col. 1, lines 32-44).

As to Claims 22-31, **Houde** teaches the method of Claim 1 wherein the user registers with the visited fixed network without a need for any terminal equipment to be brought by the user to a region in which the visited fixed network operates (Col. 4, lines 25-27 and 60-67).

#### ***Response to Arguments***

4. Applicant's arguments filed in the 11/26/04 Remarks have been fully considered but they are not persuasive because of the following:

The visited network in **Houde** is not a fixed network having fixed user terminals. Examiner respectfully disagrees because **Houde** teaches that mobile stations are assigned or belongs to users (Col. 3, lines 31-34,60-64 and Col. 4, lines 40-43). These teachings show that mobile stations are fixed terminals that are assigned or belong to users. Therefore, IMSIs are user identities for fixed user terminals. In addition, **Houde** teaches that users have home directory numbers which are also fixed user terminals (Col. 4, lines 25-27 and Col. 5, lines 5-10).

#### ***Conclusion***

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

**Hauser et al.** (US 5,734,700) teach virtual extension call forwarding for mobile stations.

Art Unit: 2645

**Hasan** (US 5,724,658) teach call routing to mobile roamers in wireless systems.

6. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.

7. Any response to this final action should be mailed to:

**Box AF**

Commissioner of Patents and Trademarks  
Washington, D.C. 20231

**or faxed to:**

(703) 872-9314, (for formal communications; please mark "EXPEDITED  
PROCEDURE")

**Or:**

(703) 306-0377 (for customer service assistance)


Hand-delivered responses should be brought to Carlyle, Alexandria,  
VA 22313 (Receptionist).

Art Unit: 2645

Any inquiry concerning this communication or earlier communications from the examiner should be directed to **Allan Hoosain** whose telephone number is (571) 272-7543. The examiner can normally be reached on Monday to Friday from 8 am to 4:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, **Fan Tsang**, can be reached on (571) 272-7547.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (571) 272-2600.

  
**Allan Hoosain**  
**Primary Examiner**  
**5/20/05**